Flight-Testing Newton's Laws						
2006 21st Century Mathematics						
Standards and Objectives West Virginia 21st Century Mathematics						
Grades 9-12 (Algeb		ialics				
Activity/Lesson	State	Standards				
Activity/Lesson	State	Standards	Students will formulate algebraic expressions for			
			use in equations and inequalities that require			
		MA.9-	planning to accurately model real-world			
Session-10 (1-5)	WV	12.M.O.A1.2.1	problems.			
(10)			Students will evaluate data provided, given a			
		MA.9-	real-world situation, select an appropriate literal			
Session-10 (1-5)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.			
,			Students will evaluate data provided, given a			
		MA.9-	real-world situation, select an appropriate literal			
Session-1 (1-17)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.			
			Students will formulate algebraic expressions for			
			use in equations and inequalities that require			
		MA.9-	planning to accurately model real-world			
Session-2 (1-10)	WV	12.M.O.A1.2.1	problems.			
			Students will evaluate data provided, given a			
		MA.9-	real-world situation, select an appropriate literal			
Session-2 (1-10)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.			
			Students will evaluate data provided, given a			
		MA.9-	real-world situation, select an appropriate literal			
Session-3 (1-6)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.			
			Students will formulate algebraic expressions for			
		NAA O	use in equations and inequalities that require			
Secsion 4 (1 11)	wv	MA.9- 12.M.O.A1.2.1	planning to accurately model real-world			
Session-4 (1-11)	VVV	12.IVI.U.A1.2.1	problems. Students will evaluate data provided, given a			
		MA.9-	real-world situation, select an appropriate literal			
Session-4 (1-11)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.			
06331011-4 (1-11)	VVV	12.WI.O.A1.2.3	Students will formulate algebraic expressions for			
			use in equations and inequalities that require			
		MA.9-	planning to accurately model real-world			
Session-5 (1-6)	WV	12.M.O.A1.2.1	problems.			
()			Students will evaluate data provided, given a			
		MA.9-	real-world situation, select an appropriate literal			
Session-5 (1-6)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.			
,			Students will formulate algebraic expressions for			
			use in equations and inequalities that require			
		MA.9-	planning to accurately model real-world			
Session-6 (1-8)	WV	12.M.O.A1.2.1	problems.			
			Students will evaluate data provided, given a			
		MA.9-	real-world situation, select an appropriate literal			
Session-6 (1-8)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.			
			Students will formulate algebraic expressions for			
		NAA 0	use in equations and inequalities that require			
Oppositors 7 (4.5)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MA.9-	planning to accurately model real-world			
Session-7 (1-5)	WV	12.M.O.A1.2.1	problems.			

			Other description of the determinant of the description of
		N4A O	Students will evaluate data provided, given a
0 : 7(4.5)	140.4	MA.9-	real-world situation, select an appropriate literal
Session-7 (1-5)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.
			Students will evaluate data provided, given a
0 : 0 (4.0)	140.4	MA.9-	real-world situation, select an appropriate literal
Session-8 (1-9)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.
			Students will evaluate data provided, given a
	140.4	MA.9-	real-world situation, select an appropriate literal
Session-9 (1-7)	WV	12.M.O.A1.2.3	equation and solve for a needed variable.
		Flight-Testing Newto	
		2006 21st Century Ma	
101 111 11 01 1		Standards and Ob	jectives
West Virginia 21st		tics	
Grades 9-12 (Algeb		04 1 1	
Activity/Lesson	State	Standards	
	140.7	MA.9-	Students will solve practical problems involving
Session-10 (1-5)	WV	12.M.O.A2.2.11	direct, inverse and joint variation.
0 : 4 (4 47)	140.7	MA.9-	Students will solve practical problems involving
Session-1 (1-17)	WV	12.M.O.A2.2.11	direct, inverse and joint variation.
0 : 0 (4 40)	140.4	MA.9-	Students will solve practical problems involving
Session-2 (1-10)	WV	12.M.O.A2.2.11	direct, inverse and joint variation.
0	140.7	MA.9-	Students will solve practical problems involving
Session-3 (1-6)	WV	12.M.O.A2.2.11	direct, inverse and joint variation.
Caraina 4 (4 44)	\A\\\ /	MA.9-	Students will solve practical problems involving
Session-4 (1-11)	WV	12.M.O.A2.2.11	direct, inverse and joint variation.
Coosian F (1.6)	\A\A\	MA.9-	Students will solve practical problems involving
Session-5 (1-6)	WV	12.M.O.A2.2.11	direct, inverse and joint variation.
Coosian C (1 0)	\A\A\	MA.9-	Students will solve practical problems involving
Session-6 (1-8)	WV	12.M.O.A2.2.11 MA.9-	direct, inverse and joint variation.
Cossion 7 (1 E)	WV	12.M.O.A2.2.11	Students will solve practical problems involving
Session-7 (1-5)	VVV	MA.9-	direct, inverse and joint variation. Students will solve practical problems involving
Socion 9 (1.0)	WV	12.M.O.A2.2.11	direct, inverse and joint variation.
Session-8 (1-9)	VVV	MA.9-	Students will solve practical problems involving
Session-9 (1-7)	WV		direct, inverse and joint variation.
		Flight-Testing Newto 2006 21st Century Ma	
		Standards and Ob	
West Virginia 21st	Contury Mathema		Jecuves
Grades 9-12 (Trigo		uos	
Activity/Lesson	State	Standards	
ACTIVITY/LESSUIT	State	Stanuarus	Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Specian 10 (1 5)	WV	12.M.O.T.3.2.b	world problems.
Session-10 (1-5)	VVV	12.101.0.1.3.2.0	wond problems.

			Students will compare and contrast the concepts
			of angular velocity and linear velocity and demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Session-1 (1-17)	wv	12.M.O.T.3.2.b	world problems.
3633I0II-1 (1-1 <i>1</i>)	V V	12.101.0.1.0.2.0	Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Session-2 (1-10)	WV	12.M.O.T.3.2.b	world problems.
(Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Session-3 (1-6)	WV	12.M.O.T.3.2.b	world problems.
,			Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Session-4 (1-11)	WV	12.M.O.T.3.2.b	world problems.
			Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Session-5 (1-6)	WV	12.M.O.T.3.2.b	world problems.
			Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Session-6 (1-8)	WV	12.M.O.T.3.2.b	world problems.
			Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
	1407	MA.9-	relationship between them and apply to real-
Session-7 (1-5)	WV	12.M.O.T.3.2.b	world problems.
Coopies 8 (4 0)			Students will compare and contrast the concepts
			of angular velocity and linear velocity and
		MA.9-	demonstrate by graphical or algebraic means
	wv		relationship between them and apply to real-
Session-8 (1-9)	VVV	12.M.O.T.3.2.b	world problems. Students will compare and contrast the concepts
			of angular velocity and linear velocity and
			demonstrate by graphical or algebraic means
		MA.9-	relationship between them and apply to real-
Session-9 (1-7)	WV	12.M.O.T.3.2.b	world problems.
00331011-3 (1-1)	V V V	12.101.0.1.3.2.0	wona problems.